BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAAPURA

***Name of Work**: Estimate for Improvements to drains roads and Covering slab at Doddabommasandra ward no 10, (Doddabommasandra).*

Job Code: 010-20-000064

P-Code: P-0541 Emergency Reserve Fund

Estimated Cost: Rs. 100.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

Project:Improvements to drains roads and Covering slab at Doddabommasandra ward no 10

Est Cost: =100.00Lakhs

Sl. No	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
1	Removing and resetting of footpath slab								
	1st main 2nd Across chamundeshwari lyt(Desilt)		2	65.00	0.90		117.00		
	Mla Narayanappa House road		2	135	0.75		202.50		
	2nd a c/s Ramakka Dasappa lyt		1	50	0.9		45.00		
	c/s road in 2nd c/s ramakka dasappa lyt		2	70	0.75		105.00		
	venugopalaswamy temple road		2	196	0.9		352.80		
	Kalappa layout LHS		1	37	0.9		33.30		
	Kalappa lyt LHs1		2	60	0.6		72.00		
	kalappa layout RHS2		2	90	0.9		162.00		
	Consider 30% missing slabs						-315.98		
		sqm					773.62	208.82	161546.00
	Pg No 270 It No 37.56 of PWD SR 2018-19								
	Basic rate	*197.00*							
	Area Weightage 6%	*11.82*							
	Final Rate	*208.82*							
2	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3								
	ward no 10								
	New Culverts		4	5.00	1.40	0.60	16.80		
	2nd cross chamundeshwari layout		1	38.00	0.95	0.90	32.49		
	1st main 2nd cross chamundeshwari lyt		2	68.00	0.95	0.90	116.28		
	1st main 2nd Across chamundeshwari lyt(Desilt)		2	65.00	0.50	0.50	32.50		
	Poojar Narasayya layouut		1	30	0.95	0.90	25.65		
	Kalappa layout LHS		1	37	0.60	0.50	11.10		
	Kalappa lyt LHs1		2	60	0.40	0.50	24.00		
	kalappa layout RHS2		2	90	0.40	0.50	36.00		
	6th B cross Yelagamma layout		1	25	0.95	0.90	21.38		
	1st B cross Muneshwara layout		2	50	0.95	0.90	85.50		
	1st A main road Muneshwara swamy lyt		1	65	0.95	0.90	55.58		
		Cum					457.27	137.80	63012.00
	Pg No 143 It No 19.1 of PWD SR 2018-19								
	Basic rate	*130.00*							
	Area Weightage 6%	*7.80*							
	Final Rate	*137.80*							
3	KSRRB M2900- PCC 1:3:6 in Foundation KSRRB M2900-1. Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in foundation and compacted by vibration including curing complete as per specifications MORTH Specification No.								
	ward no 10	Cum							
	For Drains								
	New Culverts		4	5.00	1.40	0.15	4.20		
	2nd cross chamundeshwari layout		1	38.00	0.95	0.15	5.42		
	1st main 2nd cross chamundeshwari lyt		2	68.00	0.95	0.15	19.38		
	1st main 2nd Across chamundeshwari lyt(Desilt)		2	65.00	0.50	0.15	9.75		
	Poojar Narasayya layouut		1	30.00	0.95	0.15	4.28		
	6th B cross Yelagamma layout		1	25.00	0.95	0.15	3.56		
	1st B cross Muneshwara layout		2	50.00	0.95	0.15	14.25		

Sl. No	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
	1st A main road Muneshwara swamy lyt		1	65.00	0.95	0.15	9.26		
							70.10	4479.56	**313995.00**
	Pg No 254 It No 34.1 of PWD SR 2018-19								
	Basic rate	***4226.00***							
	Area Weightage 6%	***253.56***							
	Final Rate	***4479.56***							
4	Providing laying palin / reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300kgs with 20mm and downsize granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering shuttering cost of materials, HOM of machinery, curing etc., complet excluding cost of steel as per MORTH specification No. 1500,1700,2200 including cost of materials, labour, HOM complete as per specifications **wall & bottom thickness 15cm**								
	ward no 10	**Cum**							
	Raft								
	New Culverts		1	5.00	0.90	0.15	0.68		
	2nd cross chamundeshwari layout		1	38.00	0.75	0.15	4.28		
	1st main 2nd cross chamundeshwari lyt		2	68.00	0.75	0.15	15.30		
	Poojar Narasayya layouut		1	30.00	0.30	0.15	1.35		
	6th B cross Yelagamma layout		1	25.00	0.75	0.15	2.81		
	1st B cross Muneshwara layout		2	50.00	0.75	0.15	11.25		
	1st A main road Muneshwara swamy lyt		1	65.00	0.75	0.15	7.31		
	Walls								
	2nd cross chamundeshwari layout		2	38.00	0.15	0.60	6.84		
	1st main 2nd cross chamundeshwari lyt		4	68.00	0.15	0.60	24.48		
	Poojar Narasayya layouut		2	30.00	0.15	0.60	5.40		
	6th B cross Yelagamma layout		2	25.00	0.15	0.60	4.50		
	1st B cross Muneshwara layout		4	50.00	0.15	0.60	18.00		
	1st A main road Muneshwara swamy lyt		2	65.00	0.15	0.60	11.70		
							113.90	7070.20	**805260.00**
	Pg No 271 It No 37.59.2 of PWD SR 2018-19								
	Basic rate	***6670.00***							
	Area Weightage 6%	***400.20***							
	Final Rate	***7070.20***							
5	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specifcation No. KBS 4.6.1 (P.No.16, I.No.4.28 of PW,P&IWTD SR 2018-19)								
	Bottom Raft	**sqm**							
	for culvert	2	4.00	5.00		0.25	10.00		
							10.00	273.48	**2735.00**
	P.No.16, I.No.4.28 of PW,P&IWTD SR 2018-19								
	Basic rate	**258.00**							
	Area Weightage 6%	**15.48**							
	Final Rate	**273.48**							
6	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (P.No.16, I.No.4.31 of PW,P&IWTD SR 2018-19)								
		sqm							
	Culverts	4	4	5.00		0.60	48.00		
							48.00	379.48	**18215.00**
	(P.No.16, I.No.4.31 of PW,P&IWTD SR 2018-19)								
	Basic rate	**358.00**							
	Area Weightage 6%	**21.48**							
	Final Rate	**379.48**							
7	Providing and laying in position plain/reainforced cement concrete M20 for sub structure/ Superstructure works, with cement @ 320 kgs, 20 mm & down size graded granite metal coarse aggregate @ 0.69 cum and fine aggregates @ 0.46 cum machine mixed with superplasticisers @ 3ltrs confirming to IS 9103-2008, concrete laid in layers, well compacted and providing weep holes wherever necessary with necessary scaffoldingf, formwork etc., including cost of labour, HOM curing etc., complete								

Sl. No	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
	Bottom Raft	Cum							
	Culverts		4	5.00	1.20	0.25	6.00		
	Walls								
	Culverts		8	5.00	0.25	0.60	6.00		
							12.00	5277.74	**63333.00**
	Pg No 257 It No 34.17 of PWD SR 2018-19								
	Basic rate	*4979.00*							
	Area Weightage 6%	*298.74*							
	Final Rate	*5277.74*							
8	KSRRB M2200-6. Providing TMT steel reinforcement Fe500 for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH specification No 1600 & 2200								
		Tonne							
	Consider 55 Kgs/cum for item No. only RCC Darin Qty			113.90	0.060	--	6.84		
	Consider 80 Kgs/cum for item No. only RCC Culvert Qty			12.00	0.080	--	0.96		
							7.80	65046.90	**507366.00**
	Pg No 229 It No 28.8.2 of PWD SR 2018-19								
	Basic rate	*61365.00*							
	Area Weightage 6%	*3681.90*							
	Final Rate	*65046.90*							
9	Providing granite slabs of selected quality roughly dressed having a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete								
	ward no 10	**Sqm**							
	Add for Damaged slabs vide Itemno 1						315.98		
			1	50.00	0.90		45.00		
	2nd cross chamundeshwari layout		1	38.00	0.75		28.50		
	1st main 2nd cross chamundeshwari lyt		2	68.00	0.75		102.00		
	Poojar Narasayya layouut		1	30.00	0.75		22.50		
	6th B cross Yelagamma layout		1	25.00	0.75		18.75		
	1st B cross Muneshwara layout		2	50.00	0.75		75.00		
	1st A main road Muneshwara swamy lyt		1	65.00	0.75		48.75		
		Sqm					**656.48**	966.72	**634636.00**
	Pg No 26 It No 5.31.2 of PWD SR 2018-19								
	Basic rate	*912.00*							
	Area Weightage 6%	*54.72*							
	Final Rate	*966.72*							
	KSRB 5-8.1 : Providing one line dressing to granite stone slab / granite stone masonry as per specifications .KBS 5.1.13								
	Add for Damaged slabs vide Itemno 1						315.98		
	2nd cross chamundeshwari layout		1	37.00	0.75		27.75		
	1st main 2nd cross chamundeshwari lyt		2	68.00	0.75		102.00		
	Poojar Narasayya layouut		1	30.00	0.75		22.50		
	6th B cross Yelagamma layout		1	25.00	0.75		18.75		
	1st B cross Muneshwara layout		2	50.00	0.75		75.00		
	1st A main road Muneshwara swamy lyt		1	65.00	0.75		48.75		
							610.73	950.82	**580698.00**
	Pg No 26 It No 5.18 of PWD SR 2018-19								
	Basic rate	*897.00*							
	Area Weightage 6%	*53.82*							
	Final Rate	*950.82*							
10	KSRB 5-9 : Providing chamfering edges to stone slab 2.5 cms. wide as per specifications. (only chamfered length shall be recorded) KBS 5.1.13								
	for ex:0.75+0.75+0.6+0.6 = 2.7mtr/slab		sides LHS/RHS	Nos	Length				3 of 6

Sl. No	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
	2nd cross chamundeshwari layout		1.00	62.00	2.70		167.40		
	1st Main 2nd cross chamundeshwari lyt		2.00	113.00	2.70		610.20		
	Poojar Narasayya layouut		1.00	50.00	2.70		135.00		
	6th B cross Yelagamma layout		1.00	42.00	2.70		113.40		
	1st B cross Muneshwara layout		2.00	83.00	2.70		448.20		
	1st A main road Muneshwara swamy lyt		1.00	108.00	2.70		291.60		
		RMT					**1765.80**	61.48	**108561.00**
	Pg No 26 It No 5.22of PWD SR 2018-19								
	Basic rate	*58.00*							
	Area Weightage 6%	*3.48*							
	Final Rate	*61.48*							
11	RCC Precast cover slab of 250mm thick Providing and Fixing Pre cast Reinforced Cement concrete Covering Slabs of 25cms thick made out of M25 with OPC Cement at 340kg/cum with 20mm and down size graded granite metal coarse aggregates at 0.70cum and Fine Aggregates at 0.74cum with Superplasticisers ,machine mixed including providing and removing centring shuttering strutting propping etc,for edge of slabs with TMT steels (Fe-500) Cost and Reinforcement charges, including finishing as required with cost of all materials, labours and all lead and lift,HOM machineries,curing,including cost of reinforcement etc., complete as direction of Engineer in charge of the work								
	Culverts		4	5.00	1.20	--	24.00		
		Sqm					**24.00**	5217.00	**125208.00**
	Data Rate	*5217.00*							
12	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202								
	1st main 2nd cross chamundeshwari lyt		1	68.00	5.60	0.10	38.08		
	Mla Narayanappa House road		1	135.00	4.50	0.10	60.75		
	KNET college 1st c/s		1	55.00	4.00	0.10	22.00		
	KNEt college2nd c/s		1	70.00	4.00	0.10	28.00		
	Poojar Narasayya layouut		1	30.00	4.30	0.10	12.90		
	Kalappa layout LHS		1	37.00	3.70	0.10	13.69		
	Kalappa layout RHS		1	90.00	4.80	0.10	43.20		
	Yalagamma layout 6th B cross		1	48.00	4.65	0.10	22.32		
		cum					**240.94**	952.94	**229601.00**
	Pg No 140 It No 18.47of PWD SR 2018-19								
	Basic rate	*899.00*							
	Area Weightage 6%	*53.94*							
	Final Rate	*952.94*							
13	Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications. MORTH Specification No.301								
	For Roads								
	1st main 2nd Across chamundeshwari lyt		1	65	4.60	0.20	59.80		
	2nd a c/s Ramakka Dasappa lyt		1	50	4.30	0.20	43.00		
	c/s road in 2nd c/s ramakka dasappa lyt		1	70	4.30	0.20	60.20		
	venugopalaswamy temple road		5	8.00	1.20	0.20	9.60		
	Kalappa layout LHS		1	37	3.7	0.20	27.38		
	Kalappa layout RHS		1	90	4.8	0.20	86.40		
	kalappa layout RHS2		4	2.2	1.5	0.20	2.64		
		Cum					**289.02**	43.46	**12561.00**
	Pg No 143 It No 19.14 of PWD SR 2018-19								
	Basic rate	*41.00*							
	Area Weightage 6%	*2.46*							
	Final Rate	*43.46*							

Sl. No	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate in Rs.	Amount in Rs.
				m	m	m			
14	KSRDB M600-1. Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub- base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Using concrete Batching plant at 75cum/hr capacity with fixed form paver . clause 601 of MORTH V Revision and IS 456 Table -5								
	For Roads								
	1st main 2nd cross chamundeshwari lyt		1	68	5.60	0.15	57.12		
	Mla Narayanappa House road		1	135	4.5	0.15	91.13		
	KNET college 1st c/s		1	55	4.00	0.15	33.00		
	KNEt college2nd c/s		1	70	4.00	0.15	42.00		
	Poojar Narasayya layouut		1	30	4.3	0.15	19.35		
	Kalappa layout LHS		1	37	3.7	0.15	20.54		
	Kalappa layout RHS		1	90	4.8	0.15	64.80		
	Kalappa lyt LHs1		1	60	3.8	0.15	34.20		
	Yalagamma layout 6th B cross		1	48	4.65	0.15	33.48		
		cum					**395.61**	3884.90	**1536905.00**
	Pg No 176 It No 22.1.2 of PWD SR 2018-19								
	Basic rate	***3665.00***							
	Area Weightage 6%	***219.90***							
	Final Rate	***3884.90***							
15	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum)								
	1st main 2nd cross chamundeshwari lyt		1	68	5.6	0.15	57.12		
	1st main 2nd Across chamundeshwari lyt		1	65	4.6	0.15	44.85		
	Mla Narayanappa House road		1	135	4.5	0.15	91.13		
	2nd a c/s Ramakka Dasappa lyt		1	50	4.3	0.15	32.25		
	c/s road in 2nd c/s ramakka dasappa lyt		1	70	4.3	0.15	45.15		
	KNET college 1st c/s		1	55	4.0	0.15	33.00		
	KNEt college2nd c/s		1	70	4.0	0.15	42.00		
	Poojar Narasayya layouut		1	30	4.0	0.15	18.00		
	Kalappa layout LHS		1	37	3.7	0.15	20.54		
	Kalappa layout RHS		1	90	4.8	0.15	64.80		
	Kalappa lyt LHs1		1	60	3.8	0.15	34.20		
	Yalagamma layout 6th B cross		1	48	4.65	0.15	33.48		
	Triloka Apartments Road T shape		1	83	5.8	0.15	72.21		
	1st A main road Muneshwara swamy lyt		1	65	4.6	0.15	44.85		
		cum					**633.57**	5210.96	**3301508.00**
	Pg No 176 It No 22.6.1 of PWD SR 2018-19								
	Basic rate	***4916.00***							
	Area Weightage 6%	***294.96***							
	Final Rate	***5210.96***							
16	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and								
	1st main 2nd cross chamundeshwari lyt		1	68.00	5.60		380.80		

Sl. No	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
	1st main 2nd Across chamundeshwari lyt		1	65.00	4.60		299.00		
	Mla [illegible]arayanappa House road		1	135.00	4.50		607.50		
	2nd a c/s Ramakka Dasappa lyt		1	50.00	4.30		215.00		
-	c/s road in 2nd c/s ramakka dasappa lyt		1	70.00	4.30		301.00		
	KNET college 1st c/s		1	55.00	4.00		220.00		
-	KNEt college2nd c/s		1	70.00	4.00		280.00		
	Poojar Narasayya layouut		1	30.00	4.00		120.00		
	Kalappa layout LHS		1	37.00	3.70		136.90		
	Kalappa layout RHS		1	90.00	4.80		432.00		
	Kalappa lyt LHs1		1	60.00	3.80		228.00		
	Yalagamma layout 6th B cross		1	48.00	4.65		223.20		
	Triloka Apartments Road T shape		1	83.00	5.80		481.40		
	1st A main road Muneshwara swamy lyt		1	65.00	4.60		299.00		
		Sqm					**4223.80**	72.08	**304452.00**
	Pg No 176 It No 22.7 of PWD SR 2018-19								
	Basic rate	*68.00*							
	Area Weightage 6%	*4.08*							
	Final Rate	*72.08*							
17	KSRRB M100-4.1: Cost of Haulage including loading and unloading of stone Boulder / Stone aggregates / Sand /Kankar / Moorum KSRRB M100-1: Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip including with all lead and lifts, loading and unloading,tools, plants, HOM of machinery, cost of materials, labour and other incidental charges etc., complete as per specification and as per the direction by Engineer in charge of the work.MORTH Chapter 1								
	Same as earthwork excavation qnty						957.61		
-		**Cum**					**957.61**	82.60	**79099.00**
	Pg No 136 It No 17.1 & 17.4 of PWD SR 2018-19								
-	*Loading and unloading with10 km lead= 57+2x1.28x10 = 82.6*	*82.60*							
	Final Rate	*82.60*							
								Total Construction Cost	**8848691.000**
								12%GST for Works	**1061843.00**
								add 1%PMS and Quality Control Charges	**88487.00**
								Miscellaneous and rounding off	**979.00**
								Total	**10000000.00**

Certificate.

1 The workspot was inspected and work is found to be necessary.
2 The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3 The rates adopted based on the PWD SR, Bangalore circle for year 2018-19 and Issued Rates as on 01-07-2020.
4 The provisions made in the estimate are necessary and essential.
5 The work proposed is not tackled in any of the programme of work in last Three years

Suvetha N K
Assistant Engineer
Ward No. 10

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ADMINISTRATIVE APPROVAL
Accorded For Rs. 100.00 Lakhs only
Head of A/c. P0541.
Div. Ref. No. 42 Date 8/10/2020
8/10 AE
8/10 EE(BTP)

Technical Sanction
Accorded For Rs 100 lakhs only
Head of A/C. P0541
CER NO : 129 Dt: 09.11.2020
SE (WK)

Name of Work: Improvements to drains roads and Covering slab at Doddabommasandra in Ward No. 10

- cc Road
- cc Drain
- culverts.

Assistant Engineer
Ward No. 10

Assistant Executive Engineer
Vidyaranyapura Sub Division

Name of Work: Improvements to drains roads and Covering slab at Doddabommasandra in Ward No. 10

Assistant Engineer
Ward No. 10

Assistant Executive Engineer
Vidyaranyapura Sub Division

Name of Work: Improvements to drains roads and Covering slab at Doddabommasandra in Ward No. 10

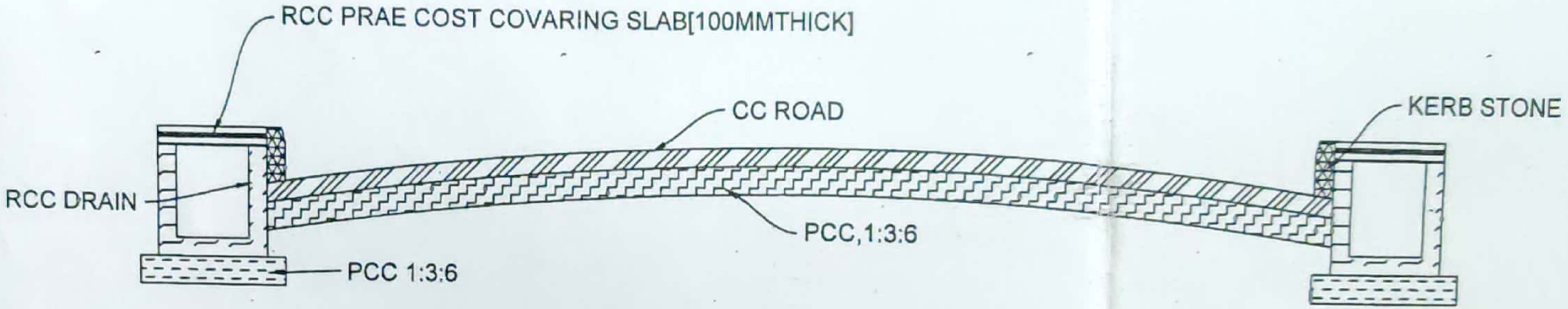
Assistant Engineer
Ward No. 10

Assistant Executive Engineer
Vidyaranyapura Sub Division

Name of Work: Improvements to drains roads and Covering slab at Doddabommasandra in Ward No. 10

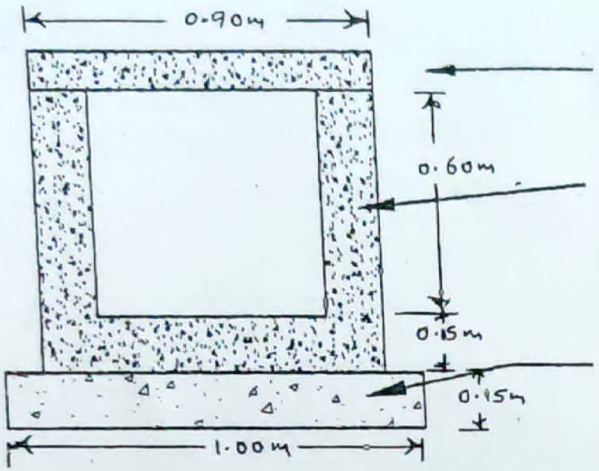
Sweetha N K
Assistant Engineer
Ward No. 10

Assistant Executive Engineer
Vidyaranyapura Sub Division



CROSS SECTION FOR 'CC'ROAD & RCC,DRAIN

Scanned with CamScanner



Precost slab Thick.

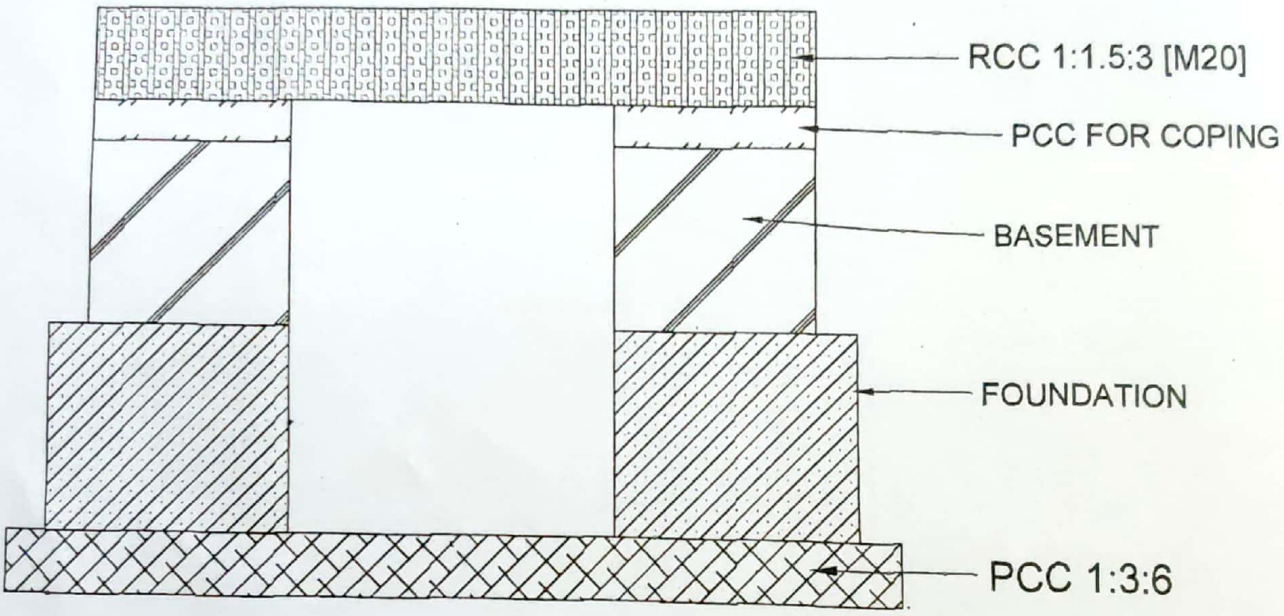
RCC WALL M-20 Thick 0.15.

PCC 1:4:8 Thick 0.15m.

CROSS SECTION OF CC DRAIN

Sweetie.NK
AE W10

Scanned with CamScanner



CROSS SECTION FOR CULVERT

Suretha-NK
AE W10

Scanned with CamScanner

152 - BYATARAYANAPURA AC
WARD NAME : 10 - DODDA BOMMASANDRA